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ART 34 AMDT

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Claims

1. A cGMP containing aqueous composition exhibiting a reduced off-flavor even after long storage, comprising
 - (i) a hydrophobic resin; and/or
 - (ii) an agent, that chemically blocks functional groups in cGMP; and/or
 - (iii) the pH of the composition is below about 7.
- 10 2. The composition according to claim 1, wherein the hydrophobic resin is selected from the group consisting of Serdolith III, Lewatit EP-63, Lewatit OC 1064, Lewatit OC 1066, Lewatit VC-OC or Amberlite XAD.
- 15 3. The composition according to claim 1 or 2, wherein the blocking or masking agent is selected from the group consisting of succinic anhydride, maleic anhydride, propio-lactone, chlorophillin or derivatives thereof.
4. The composition according to any of the preceding claims, wherein the pH of the final product is in the range of from about 3 to about 7.
- 20 5. The composition according to any of the preceding claims, wherein the amount of the hydrophobic resin is in the range of from 0.01 to about 5 wt.-%, preferably from 0.05 to about 5 wt.-%, more preferably from 0.1 to about 2 wt.-%, each based on the final product.
- 25 6. The composition according to any of the preceding claims, wherein the amount of the blocking agent is in the range of from 0.005 to 1 wt.-%, preferably 0.01 to 1 wt.-%, more preferably 0.01 to 0.6 wt.-%, more preferably 0.1 to 0.5 wt.-%, each based on the final product.

7. The composition according to any of the preceding claims, which is an aqueous formulation having a water activity value between 0.2-1, preferably between 0.7-0.9 and more preferably of about 0.8.
- 5 8. The composition according to any of the preceding claims, which is a food product, a pharmaceutical product, a cosmetic or an oral composition.
9. The composition according to claim 4 or 7, which is a product for oral hygiene, a tooth paste, a gel, a tooth powder, a mouth wash, a chewing gum, a tablet or a lozenge.
10. A method of producing a composition according to any of the claims 8 or 9, which comprises:
preparing a composition comprising cGMP,
15 adding an agent chemically blocking functional groups in cGMP and a hydrophobic resin, and/or
adjusting the pH to a value in the range of from about 3 to about 7.
11. Use of a composition according to any of the claims 1 to 7 in the manufacture of a medicament or a composition for treating or preventing caries, plaque formation, dental diseases, diseases of the mouth cavity or gums.